



History of the Natural Resources Building

University of Illinois at Urbana-Champaign

by

Dr. Donald E. Luman, Principal Geologist Affiliate

Illinois State Geological Survey

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Minutes of the Board of Trustees Meetings

University of Illinois

<https://www.bot.uillinois.edu/meetings/minutes>

Illinois State Geological Survey

Geologic Information Collections

<http://www.isgs.illinois.edu/>

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Illinois State Library LSTA Program

Art and Architecture in Illinois Libraries Project

<http://old.library.eiu.edu/artarch/>

American Institute of Architects

Committee on Historic Resources

<https://network.aia.org/historicresourcescommittee>

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History of the Natural Resources Building

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1 The Natural Resources Building: Origin and Evolution Correspondence Chronology 1926—1937



Situated on the University of Illinois campus, the Natural Resources Building as it appears in the present-day photograph above is the culmination of discussions beginning in the 1920s. Below is provided a chronological summary of salient portions of these discussions, reproduced from archival correspondence and documents*, which provide historical insights into deliberations that eventually led to the final plan and construction of the NRB.

The archival correspondence involves many individuals whose names and key positions will not be familiar to the reader; therefore, a chronological glossary is being provided incrementally through this document:

- Dr. William Albert Noyes, U of I Department of Chemistry (Head, 1907-1926); Secretary, Board of Natural Resources and Conservation
- Dr. A. M. Shelton, Director, State of Illinois Department of Registration and Education; Chair, Board of Natural Resources and Conservation
- Dr. A. M. Buswell, Chief, Illinois State Water Survey
- Dr. S. A. Forbes, Chief, Illinois Natural History Survey
- Dr. M. M. Leighton, Chief, Illinois State Geological Survey
- Dr. David Kinley, President, University of Illinois (1920-1930)
- Dr. C. M. Thompson, Dean, U of I College of Commerce

*Sources include the University of Illinois Archives (Main Library); University of Illinois Facilities and Services, Records and Information Office; University of Illinois Board of Trustees Minutes; Illinois State Geological Survey Library; University of Illinois at Chicago Library; Illinois State Library LSTA Program.

1926

June 8, 1926 (from Dr. W.A. Noyes)

“...three State surveys...” at this date include ISGS, INHS, and ISWS.

My dear Dr. Shelton:

I am informed by the Secretary of President Kinley that at the meeting of the Board of Trustees which will be held here on Saturday, June 12 and Monday, June 14, he will be pleased to have a member of our Board of Natural Resources and Conservation present the question of including an appropriation for a building for the three State surveys in the next biennial appropriation for the University.

June 9 (from A. M. Shelton)

My dear Doctor Noyes:

I wish to thank you very much for calling my attention to the fact that President Kinley is interested in the new building for our Survey, and that he is willing to have this matter brought to the attention of the Trustees.

Saturday June 12, I am having a conference with a committee from the Normal School Board at the Northern Normal, however, I believe that I will be able to come to Champaign Monday June 14 on the noon train from Chicago.

So far as I am personally concerned it is immaterial to me who presents this matter to the Board. Whoever presents the matter should, I believe, have at his command a short statement of four or five sentences showing the amount of space that every survey now has, crowded conditions, etc., and in addition thereto a recommendation from each Chief of the Survey a very short statement showing what amount of space each survey should have in this new building and the value of the new building to the three surveys housed under one roof.

June 10, 1926 (from W. A. Noyes)

Dear Dean Thompson:

A few days ago Mr. Janata, Secretary to the President asked me to present the question of a building for our three State Surveys before the Board of Trustees next Monday afternoon.

I have written to Director Shelton about the matter and have asked him to be present and present the matter and he writes me that he will do so but that he wishes you and me, as members of the board, to be present at the conference.

General Statement Concerning A Proposed Scientific Survey Building
At the University of Illinois.

At the present time the space allotted to the three scientific surveys, Geological, Natural History and Water Survey is inadequate and unsuitable in many respects. We believe the conditions warrant the erection of a special building to house these three Surveys and that such a building should afford 52,000 square feet of floor space in addition to a basement for storage and garage.

The Geological Survey, at present occupying 12,000 square feet of space, is badly crowded and requires six additional rooms or 20,000 square feet of floor space in order to carry on properly the investigation of mineral resources.

The Natural History Survey is unsuitably and inadequately housed in many respects. Different members of the staff are provided with working space on different parts of the campus. Some of the rooms are unsuitable for their present uses and others are overcrowded. Several lines of work required of the Department by the Civil Administrative Code call for rooms and facilities not now available. Twenty-thousand feet of floor space is required for the present and future needs of this Survey.

The Water Survey at the present occupies 8,000 square feet of floor space located in the basement of the Chemistry Building where it is impossible to get proper light for microscopic and colorimetric work. This space is already used to capacity. To provide for expansion of Water Survey activities and for additional chemical work which is continually required by the other Surveys and other State Departments an additional 4,000 square feet or a total of 12,000 square feet would be required. The above estimates do not include storage space which it is assumed would be available in the basement of a new building.

- Dr. Harry Woodburn Chase, President, University of Illinois (1930-1933)
- Louis Lincoln Emmerson, Governor of Illinois (1929-1933)

1930

Urbana, Ill., Oct. 15, 1930.

President H.W. Chase,
University of Illinois.

Dear President Chase:

I enclose an account of our interview yesterday which I am sending to the members of the Board of Natural Resources and Conservation and to the persons present at the interview.

I have included, also, a statement of interviews with the Chiefs of the Surveys and the Heads of the Departments of the University most closely affiliated with the Surveys.

If you should still think, after reading this report and statement, that it would be wiser to undertake to secure a building which would furnish quarters for the three Surveys, I think we should have a meeting of the Board of Natural Resources and Conservation to consider that question.

The Natural History Survey is now accommodated in ~~three~~ four different buildings, greatly to the detriment of their work. If the Department of Geology could be moved from the Natural History Building it might be possible to bring the work of the Survey together.

The library now used by the Natural History Survey was formerly in part owned by the Survey and was donated to the University with the understanding that the University would be responsible for its upkeep. This library must, of course, remain in the Natural History Building. It would be a serious injury to the Survey if the Survey were separated from the library by removal to another building.

Many other reasons might be given for bringing the Geological Survey and Department of Geology together and for leaving the Natural History Survey and Water Survey in their present locations.

Yours very sincerely,

W. A. Koyne

October 16, 1930 (from W.A. Noyes)

Members of the Board of Natural
Resources and Conservation

Gentlemen:

Following your instructions, a conference with regard to the proposed building for minerals for the Geological Survey and the Department of Geology was arranged with Professor Chase yesterday. Dr. Leighton, Professor Buswell, Dean Babcock, Dean Daniels, and I were present. We understood from President Chase that at present the plans of the University for buildings for the next biennium are so nearly completed that he does not think it advisable to change them. Professor Chase intimates, however, that it might be possible to introduce as a separate item in the University budget in addition to the regular budget for the biennium provision for a building which should accommodate the three Surveys.

As this proposal is quite different from that presented by our Board I have consulted the Chiefs of the three Surveys and the heads of departments at the University most closely related to the Surveys, namely Professors Bayley, Ward, Hottes, Metcalf, and Adams with regard to the proposal of the building to house the three Surveys.

The Chiefs of the Surveys are unanimously of the opinion that the interests of the Surveys and of the University will be better conserved by a closer affiliation of each Survey with the corresponding department of the University than by bringing the Surveys into a single building and separating them from the departments with which they are most closely affiliated. The same opinion is shared by Professors Bayley, Ward, Metcalf, and Adams, the heads of the three University departments most closely related to the work of the Surveys. Professor Hottes does not feel this quite so strongly.

It has been suggested that if it should seem possible to secure a building in addition to the regular University budget, we might request the University to provide the building for mineral industries for the Geological Survey and the Department of Geology instead of providing it for the three Surveys as proposed by President Chase. As this action would be in accord with the action taken by our Board, I will present the suggestions to President Chase. The Board of Trustees meets tomorrow and it is not possible to call a meeting of our Board to discuss the question further before that meeting.

Yours sincerely,



W.A. Noyes,
Secretary of the Board of
Natural Resources and Conservation

Prior to 1940, most state governments operated on a biennium, two-year budget cycle. Illinois changed from a biennial to an annual budgeting cycle in 1970.

October 20, 1930 (from President Chase)

My dear Professor Noyes:

I took the proposal from the Geological Survey to the Trustees on Friday with your letter. There was a good deal of discussion with regard to the question of policy involved in housing these surveys; that is, whether they should be put together or housed with their departments. The Board felt, however, that at the present moment it could not very well step aside from a program which had been studied for a long time and which was developing in a logical fashion.

You understand, I know, that the budget has to be in the hands of the State officials by the first of November and there is, therefore, no opportunity to give this question any study commensurate with its importance before this has to take place. I regret very much that the question did not come up several months ago when there would have been more opportunity for discussion and study. Surely it must be clear that a proposal presented three days before the meeting of the Board which has to decide on the Legislative Budget and two weeks before the latest date for filing that budget with the State officials cannot receive the careful study which must be undertaken before such an important question of policy can be settled by the University. As I say, the Board did not express itself and thought that it was not in a position to express itself so hastily on the important question as to how these departments should be housed. As I said to you gentlemen the other day, if you feel that haste is the prime requisite in the matter and if the State Departments concerned shall ask for a State laboratories building, I will put the question up to our Board of Trustees. I am frank to say, however, that the outcome of their discussion the other day left me rather doubtful as to whether they would be willing to include this as an extra item in the University's budget.

I hope you will understand that it is through no lack of interest on my part in the work of the Geological Survey and the other surveys that I am compelled to move slowly at this moment. The question which you gentlemen put up to me a few days ago is a matter of first-rate University policy and would have involved, had it been adopted on the spot, an overturning of a carefully-studied program at the very last moment. It is quite impossible, for me at any rate, to settle such important questions offhand and with no opportunity for a study of the issues involved.

I shall be glad to be kept in touch with your discussions and I assure you that I want to do everything that the University properly can do for the adequate housing of these surveys and for forwarding their work.

Cordially yours,

Frederic Chase

- Dr. Edson S. Bastin, Department of Geology (Chair, 1922-1944), University of Chicago

October 22, 1930 (from W.A. Noyes)

President H.W.Chase,
University of Illinois.

Dear President Chase:

When I received your kind letter Dr.Leighton was in Chicago to confer with men who are interested in the mineral industries of the State and I have waited till I could talk with him,after his return,before writing you.

You are quite right in saying that the request from the Board of Natural Resources and Conservation came to you very late for the consideration of a matter of so much importance.

The question has been under discussion by men interested in the mineral industries,Dr.Leighton and Professor Bastin,the member of our Board who advises us about the Geological Survey,for some months,but Professor Bastin was in Mexico during the latter part of the summer and it was impossible to shape the matter up for presentation to you and to the Board of Trustees before our Board met on Oct.7th.

I would respectfully ask that you should still give the matter very serious attention. Even if the building is asked for during the coming session of the Legislature,it will be at least two years before it could be ready for use. It would be four years if the appropriation is not secured at this time.

I shall be glad to talk the matter over further with you,if you care to do this.

Dr.Leighton tells me that some men prominent in the mineral industries are anxious to confer with you about the question. Could this be arranged?

Yours very sincerely,

W.A. Noyes

November 7, 1930 (Similar letter was sent to Governor L. L. Emerson on December 18)

Mrs. Helen M. Grigsby
Trustee of the University of Illinois
Pittsfield, Illinois

My dear Mrs. Grigsby:

One of the first formal references to a "Mineral Industries Building".

We respectfully request that the Board of Trustees of the University of Illinois include in the 1931-33 Budget an appropriation for a State Mineral Industries Building, to house the comprehensive researches of the State Geological Survey and the teaching services of the Department of Geology, which is of the utmost importance to the Mineral Industries of the State of Illinois.

The State Geological Survey, operating under the control of the Board of Natural Resources and Conservation of the State of Illinois, has prepared a new program for research and public service adequate for the needs of the State. This program requires modern equipment for field studies, adequate laboratory facilities for fundamental studies of the constitution of the earth materials, laboratory facilities for studying fundamental problems of utilization, the best scientists to employ these facilities, and also a mineral economist to study the mineral flow into and out of the State, to assemble information that will show the trend of the various mineral industries and reveal new uses and new markets for our products. The program also involves the preparation and maintenance of an exhibit hall and reference collection of mineral raw materials and the prepared products of the State's producing mines, pits and quarries, including the types of competing materials, for the enlightenment of the mineral industries, the consumers and the educational world. It is impossible to do these things in the present restricted quarters of the Survey. Consequently it will be necessary to provide a State Mineral Industries building, for research and for obtaining information regarding mineral resources and utilization. It should be so constructed that the importance and diversity of Illinois' minerals will be properly emphasized.

The above program has been adopted by the Board of Natural Resources and Conservation and the Board has recommended to you as essential to its program the construction of this building, for the joint use of the teaching Department of Geology and the Survey, the advantages of which are well recognized.

Section 62 of the Civil Administrative Code of Illinois provides that the functions and duties of the State Geological Survey shall be "exercised at the University of Illinois in buildings and places provided by the Trustees thereof." Prompt action is necessary, and we respectfully ask that a building sufficient to the needs outlined above, which under present building costs we believe can be constructed for \$600,000.00 be included in the 1931-33 biennial budget.

Respectfully yours,

(signed) C. C. Whittier

Secretary of the Illinois Mineral
Industries Committee

1931

January 19 (from W.A. Noyes)

President H. W. Chase,
University of Illinois,
Urbana, Illinois.

My dear President Chase:

Your very kind letter of January 13 was handed to me on the 14th, but I had no opportunity to consult with Dr. Leighton and with the members of the Mineral Industries committee before the luncheon at which the committee gathered before seeing Governor Emmerson. About thirty members of the committee assembled in Springfield on Thursday for the presentation of the interests of the Geological Survey to the Governor.

Just before that conference I had a brief consultation with Dr. Leighton and with Mr. C. C. Whittier, Secretary of the Illinois Mineral Industries committee, and showed them your letter. We decided that it was not wise, immediately before the conference, to make any change in the program which has been very carefully prepared. Consequently, the committee presented to the Governor two requests.

1. That he include in the State Budget for the biennium 1931-33 the sum of \$524,740 for the State Geological Survey Division of the Department of Registration and Education, as approved by the State Board of Natural Resources and Conservation.

2. That he include in the said State Budget the sum of \$600,000 to be appropriated to the Board of Trustees of the University of Illinois, over and above the amount that they ask for their regular functions, for the purpose of providing the site and for constructing thereon a State Mineral Industries Building for the use of the State Geological Survey.

In the conference it was soon apparent that Governor Emmerson would not approve the addition of an appropriation for the building to the appropriation made to the University of Illinois. As we all recognized that it would be impossible for the University to include such a building in its program for the coming biennium, it was decided, after the conference with Governor Emmerson, that this part of our proposal should be dropped.

Note that the request for a new building is for the exclusive use of the Illinois State Geological Survey.

January 23, 1931 (from President Chase)

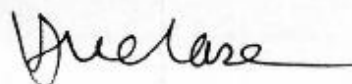
Professor W. A. Noyes
112 Chemistry

My dear Professor Noyes:

This is to acknowledge the receipt of your letter of January 19 in reply to mine of January 13 concerning the proposal for a mineral industries building for the Geological Survey and the Department of Geology. In your letter appears this statement "The committee wish me to express to you their appreciation of your promise to provide suitable quarters for the Geological Survey and the Department of Geology in the budget of the University for 1933-35, and the clear recognition conveyed by your letter of the obligation resting on the University to provide suitable quarters for the work of the State Surveys."

In order that there may be no misunderstanding on this matter let me say that my statement with reference to future provisions for space for the Department of Geology and the Geological Survey is based on the assumption that the University will first be able to secure an appropriation this year for an agricultural laboratories building and second that it will be able to secure in 1933 a sufficient appropriation for the remodeling of the old Agriculture building and the addition of a wing thereto. In other words, provision for the Department of Geology and the Geological Survey is tied up with the University's building program in that part of the campus and cannot be considered independently. I just want to make sure that the record is clear on this point.

Cordially yours,



President

HWC JAG

*Don Dr. Lytle
and return - W. A. N.
Jan 25, 1931*

Illinois Mineral Industries Committee

1200 Engineering Building

205 West Wacker Drive

Chicago

February 4, 1931

Dear Mr. Noyes:

I am enclosing a list of those who attended the Mineral Industries Conference with Governor Louis L. Emmerson in Springfield, January 15, 1931.

You will be interested to know that in accordance with the action taken by the Illinois Mineral Industries Committee after the conference, on last Thursday the sub-committee composed of J. Paul Clayton, President of the Illinois State Chamber of Commerce, George Solomon, Vice-President of the Panther Creek Mines, Inc., Springfield, and representing J. D. Zook, President of the Illinois Coal Operators' Labor Association, and Dr. M. M. Leighton, Chief of the State Geological Survey, called on the Honorable James Watson, Superintendent of the Budget, and presented to him the revised askings of the committee, which are as follows:

1. Elimination of the request for the new Mineral Industries Building, estimated to cost \$600,000.00 for this new biennium. The University of Illinois will undertake to provide the necessary temporary housing for the new laboratories for the next two years. Professor James M. White, Supervising Architect of the University has already conferred with Dr. Leighton in regard to this.

fiscal years 1933-35

2. A revised request of the State Geological Survey, reducing the original figure for operation and maintenance from \$524,740.00 to \$479,490.00, a decrease of \$45,250.00. The deductions made were for amounts which had been included for the Hall of Exhibit in the new building, for certain other items which with temporary housing could be deleted without seriously affecting the essential requirements of the new program.

Mr. Watson expressed his interest in the matter and stated that the revised askings would be brought before the Governor in a few days.

I shall be very glad to keep you advised of the progress of this important movement.

Sincerely yours,



- Dr. Arthur Hill Daniels, President, University of Illinois (1933-1934)
- Otto Kerner, Sr. (1884-1952), Attorney General of Illinois (1932-1938)
- Henry Horner, Governor of Illinois (1933-1940)

1933

October 23 (from Otto Kerner, Sr.; Illinois Attorney General)

APPROPRIATIONS:
Geological Survey
University of Illinois

Honorable Sveinbjorn Johnson,
University Counsel,
University of Illinois,
Urbana, Illinois.

Dear Sir:

You write me under date of October 20th in part as follows:

"The powers and duties of the State Geological Survey are defined in Chapter 127, section 58, subdivisions 24 to 27 thereof inclusive; the appropriation for the State Geological Survey is made on page 126 of the Laws of Illinois of 1933.

"Section 62 of Chapter 127, Smith-Hurd Revised Statutes of 1933, provides that the duties exercised by the State Geological Survey 'shall continue to be exercised at the University of Illinois in buildings and places provided by the trustees thereof.' The following questions have been submitted for answer, and I deem them of such importance that I am troubling you with a request that you give me your official opinion upon them.

"(1) Under the statutes of this State, above referred to, is the University obligated to supply and pay for gas consumed by the State Geological Survey?

"(2) Is the University under obligation, under the statutes, to extend power lines to the Survey quarters free of charge?

"(3) If such power lines be extended to the quarters of the Survey, is the University bound to furnish the current consumed free of charge?

"(4) Is the University bound to furnish free additional laboratory space when demanded by the Survey?"

The U of I, not the State Department of Registration and Education, controls where the Surveys are located.

October 23, 1933 (from Otto Kerner, continued)

You state that in your opinion for items 1 to 3, inclusive, the answers should be in the negative. I concur with you. The appropriation made by the 58th General Assembly conclusively shows that it was the legislative intent to pay the expenses of the State Geological Survey, as had heretofore been done, out of the State Treasury and not use the appropriation made for the University. If the intent had been that the University should carry this burden, no appropriation would have been made to the Geological Survey and provisions would have been made for that purpose in the University Appropriation Bill. I have no doubt as to the soundness of your conclusions.

As to Number 4, I also concur. If Trustees of the University can find space in which to house the Geological Survey without detriment to the purpose for which the University was created by the State, they should do so cheerfully and freely.

Yours very truly,

Otto Kerner
Attorney General

November 15, 1933 (from T. J. Thomas, Chair, Mineral Industries Building Comm.)

Postal Telegram

See Reader Note regarding the Public Works Administration on page 16.

Chicago, November 15, 1933

Hon. Henry Horner
Governor of Illinois
Washington, D. C. (also sent to Springfield, Illinois)

Representatives of the State's mineral industries, labor and engineers respectfully petition and urge you to include in your call for the next special session of the Illinois General Assembly the enactment of appropriate legislation authorizing you in behalf of the State to apply to the Public Works Administration for an allotment to construct a mineral industries research laboratory building of a character that will suitably meet the needs of the research laboratories of the State Geological Survey at Urbana. Stop. We believe that their research activities now under way will result in many millions of dollars of return to the mineral industries, labor and the people of the State. Stop. This construction will also put idle men to work at once on a building project which will be of permanent value to the State. Stop. D'Esposito, State Engineer Public Works Administration advises he will approve project to Ickes for government's free grant of its 30 per cent. Stop. If for any reason you question advisability please grant us a conference before you reach negative decision. Stop. Address reply to T. J. Thomas, President, Valier Coal Company, 547 West Jackson Boulevard, Chicago.

November 15, 1933 (from M. M. Leighton, ISGS Chief)

DEPARTMENT OF
REGISTRATION AND EDUCATION
JOHN J. HALLIHAN, DIRECTOR
SPRINGFIELD

STATE OF ILLINOIS
STATE GEOLOGICAL SURVEY DIVISION

M. M. LEIGHTON, CHIEF
305 CERAMICS BUILDING
UNIVERSITY OF ILLINOIS CAMPUS
URBANA

BOARD OF NATURAL RESOURCES
AND CONSERVATION
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BIOLOGY - WILLIAM TRELEASE
FORESTRY - HENRY C. COWLES
ENGINEERING - JOHN W. ALVORD
CHEMISTRY - WILLIAM A. NOYES
STATE UNIVERSITY
DEAN CHARLES M. THOMPSON

November 15, 1933

Dr. William A. Noyes, Director
Board of Natural Resources and Conservation
112 Chemistry Building
University of Illinois
Urbana, Illinois

Dear Dr. Noyes:

The mineral industries of the State through the leadership of the Illinois Mining Institute are contemplating asking for an allotment from the Public Works Administration and the State to construct a mineral industries building for the State Geological Survey.

I have an inquiry from Mr. T. J. Thomas, President of the Valier Coal Company, and Chairman of the Committee of the Illinois Mining Institute, asking if the State Geological Survey's Board would oppose the mineral industries taking the initiative in this matter.

I have discussed this matter with Acting President Daniels, and I have a letter from him under date of November 13th to the effect that,

"It is also to be understood that the University is not able to extend any further facilities to the Survey in the way of room, equipment, or service, unless the expense is assumed by the Survey."

He bases this on a ruling which he recently obtained from the Attorney General of Illinois, copy of which, together with a copy of the President's letter, I am enclosing.

I have taken up this matter also with my technical advisor, Dr. E. S. Bastin, and also with Dean C. M. Thompson, and both believe that there is no objection to the mineral industries taking the initiative in securing adequate and satisfactory quarters for the proper development of the mineral research work. They do not think, however, that the Board could wisely take the initiative itself and press the matter at this time.

I shall appreciate hearing from you at your early convenience in order that I may promptly advise Mr. Thomas that there is no objection on the part of the members of the Board.

Very truly yours,

M. M. Leighton
Chief.

Important statement
which will influence
Chief Leighton's
upcoming strategy.

November 17, 1933 (from M. M. Leighton, Chief, Illinois State Geological Survey)

First mention of, "...a building for the State Geological Survey."

COPY FOR PROFESSOR W. A. NOYES.

November 17, 1933

MEMORANDUM

This is a memorandum of Professor Noyes's and my conversation this morning in my office.

Professor Noyes believes that the plan worked out three years ago, under President Chase, to house both the Geological Survey and the Department of Geology should be adhered to, if possible.

I pointed out that I had this plan in mind when I went to President Daniels last Monday. He, however, pointed out the ruling of the Attorney General (recently made and not then known to me) concerning the law requiring the University to house the Survey.

We are, therefore, forced to look after our own needs, and at this time, the present course seems to be the only one. We cannot further submit to the delays of the past and do our full duty to the industries and the people of the State.

Professor Noyes and I agreed that the desired item in the call of the Governor for the Special Session shall be a request for "a building for the State Geological Survey", with the idea that in case this is requested, there will be an opportunity to iron out the relationships and adopt the proper policy and plan.

From what President Daniels told me regarding other proposals that have come before the University Board of Trustees to ask for allotments from the Public Works Administration, the Board has adopted the policy that it will make no such applications for allotments. If the Department of Geology is to be housed with the State Geological Survey, it is apparent that they would have to reverse their action.

Finally, my understanding with Professor Noyes, in response to his asking if I had any objections to his conferring with Deans Thompson, Mumford, and McClure on this matter, is that such discussion would be on a basis that the ground already gained will be protected. Professor Noyes is particularly anxious that any building secured at the present time for the mineral industries work shall be so constructed that it will ultimately be a part of a much larger building which will provide space for the Department of Geology of the University.

M. M. Leighton

Reader note: The above November 15-17, 1933 correspondence makes reference to the **Public Works Administration** (PWA). Created in June 1933 by the National Industrial Recovery Act, part of newly-elected President Franklin Roosevelt's New Deal 'Alphabet' legislation, the PWA was a large-scale public works construction agency headed by Secretary of the Interior Harold L. Ickes. Established to help revive the U.S. economy during the year of the deepest part of the Great Depression (25% of the civilian work force was unemployed), its primary goals were to provide employment, and stabilize purchasing power. Most of PWA's expenditures came in two waves – 1933-35, and in 1938. Originally called the Federal Emergency Administration of Public Works, it was renamed the Public Works Administration in 1935 and was eliminated in 1944.

The PWA spent over \$6 billion in contracts to private construction firms, which produced an infrastructure that generated national and local pride in the 1930s. The PWA is often confused with the Works Progress Administration (WPA, 1935—1943), headed by Harry Hopkins, which focused on smaller projects and hired unemployed unskilled workers; but is also remembered for its most famous project, *Federal Project Number One*, in which the WPA employed musicians, artists, writers, actors and directors in large arts, drama, media, and literacy projects.

The PWA will play an important, future role in the realization of the Natural Resources Building.
(Adapted and revised from Wiki)

- Dr. Arthur Cutts Willard, President, University of Illinois (1934-1946)
- John J. Hallihan, Director, State of Illinois Department of Registration and Education;
Chair, Board of Natural Resources and Conservation

1934

May 16, 1934 (from M. M. Leighton, Chief, Illinois State Geological Survey)

May 16, 1934

Professor W. A. Noyes, Secretary
Board of Natural Resources and Conservation
1114 W. Oregon
Urbana, Illinois

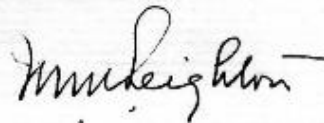
Dear Professor Noyes:

Director John J. Hallihan, of the Department of Registration and Education, called me over the telephone today noon and told me that Governor Henry Horner has set the date June 6th for his visit to the scientific Surveys. Mr. Hallihan asked me to carry his request to you that you call a special meeting of the Board of Natural Resources and Conservation for that date at ten o'clock AM, in my office, 302 Ceramics Building. Director Hallihan said that the Governor would devote the day to visiting all three Surveys.

I know that you will be pleased to know that Director Hallihan has obtained the Governor's consent to come at that time.

In connection with this, I wonder if you would permit me to offer the suggestion that Acting President A. H. Daniels, and President Elect Arthur Cutts Willard be invited. It is my feeling, however, that they should be informed that this meeting is for the purpose of acquainting the Governor with the work and needs of the three Surveys, but that it is intended not to discuss at this meeting the future relationships of the Surveys to the University.

Sincerely yours,



August 1, 1934 (from Dr. Arthur Cutts Willard, President, University of Illinois)

UNIVERSITY OF ILLINOIS
URBANA, ILLINOIS

OFFICE OF THE PRESIDENT

August 1, 1934

Professor William A. Noyes
Pilgrim
Michigan

Dear Professor Noyes:

I have your letter of July 30 quoting the motion passed by the Board of Natural Resources and Conservation some time ago to request the Board of Trustees of the University to consider the necessity of providing adequate quarters for the State Geological and Natural History Surveys, and I shall be glad to bring it to the attention of the Board of Trustees at its meeting in September.

Sincerely yours,


President

ACW M

Note reference to, "... the necessity of providing adequate quarters for the State Geological and Natural History Surveys...". Earlier correspondence includes the State Water Survey, which for reasons not known to the author, was dropped from the new building planning.

August 4, 1934 (from M. M. Leighton, Chief, Illinois State Geological Survey)

First mention in correspondence of, "...Natural Resources Building for the Scientific Surveys."

Duluth, Minn.
August 4, 1934

Professor W. A. Noyes
Pilgrim, Michigan

Dear Professor Noyes:

I am just in receipt of a copy of your letter of July 30th and also a copy of your letter to President Willard, both of which my office forwarded to me here at Duluth, Minnesota.

My Assistant writes me that she called both Drs. Frison and Buswell and that both said that October 2nd would be satisfactory, although they expressed a preference for a date nearer the end of October. October 2nd is satisfactory to me, but if you should decide to call the Board meeting later in the month, that would be all right, as I have no particular preference.

Recent events have made me seriously question the desirability of considering further the question of the Geological Survey being brought under the jurisdiction of the University. Being charged specifically with duties concerning the study of the geological formations of the State and their products, and having shaped and put into successful execution a program in fulfillment of these duties and one highly pleasing to the industries of the State, the Geological Survey has vested interests under the authority of our Board which are to be conserved and nourished against disintegrating influences.

The question also arises in my mind as to whether or not the new building should be a Natural Resources Building for the Scientific Surveys rather than one which would tie us up with any one department of the University.

In view of the above, I should like to discuss the matter further with you before any conferences with University personnel are called.

Very sincerely yours,

M. M. Leighton
Chief.

September 28, 1934 (from John J. Hallihan, Director, State of Illinois Department of Registration and Education)

State of Illinois
Department of Registration and Education
Springfield

JOHN J. HALLIHAN
DIRECTOR

September
Twenty-eight,
1934.

Professor W. A. Noyes, Secretary,
Board of Natural Resources and Conservation,
Urbana, Illinois.

Dear Professor Noyes:

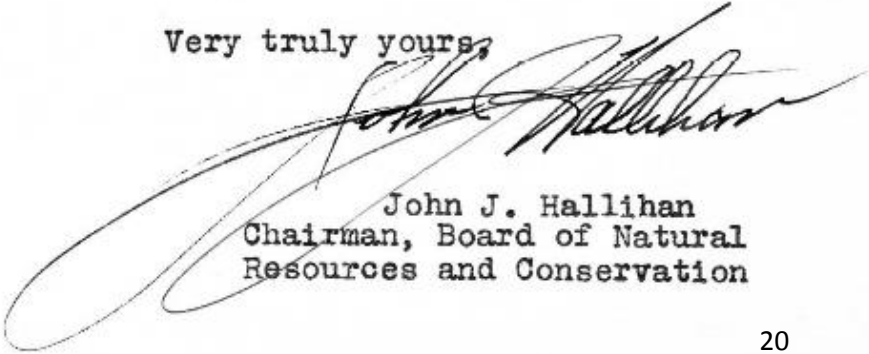
This is to acknowledge receipt of your letter concerning the very worthy question of an appropriation for the housing of our State Surveys.

Before discussing this matter with President Willard, I believe a meeting of a sub-committee of the Survey advisors, together with the Chiefs of the Surveys, should be held so that our Board may obtain all available information and have the proper guidance on this important subject.

I agree with you that immediate action is necessary. Therefore, I am requesting Mr. Trelease, Mr. Bastin and yourself, together with Messrs. Buswell, Frison and Leighton to confer as soon as possible. It is with much regret that I am compelled to advise that it will be impossible for me to attend this meeting and therefore deem it proper that the Vice Chairman of our Board, Mr. Bastin, preside in my absence.

Your suggestion for consultation at an early date is worthy of immediate action on part of the Board, and obtaining the views of the Survey Chiefs together with judgment of their advisors is, I believe, the most expedient means of approaching this important proposition.

Very truly yours,


John J. Hallihan
Chairman, Board of Natural
Resources and Conservation

JJH:E

September 30, 1934 (from W.A. Noyes)

This letter from W. A. Noyes documents that 1932 was the year when the idea of a "mineral industries building" was first proposed. This letter is also notable in that Noyes states, "...Dr. Leighton at the present time prefers a building which would house the three surveys."

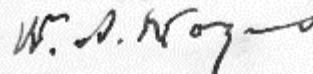
Professor E. S. Bastin
Department of Geology
University of Chicago
Chicago, Illinois

My dear Professor Bastin:

When the question of a mineral industries building was brought up two years ago, it was the general opinion here that the best solution of the problem would be a building which would house both the Geological Survey and the Department of Geology. I understand that Dr. Leighton at the present time prefers a building which would house the three surveys. The question as to which policy is followed by our Board and by the University of Illinois is one of very vital interest, especially to the Departments of Geology and Biology at the University. I suppose that you will call a meeting for 3 P. M. Thursday, October 4, in accordance with my letter of Saturday, September 29. I would suggest that it would be appropriate that you should ask Professor DeWolf, Head of the Department of Geology; Professor Zeleny, Head of the Department of Biology, and Dr. Adams, Head of the Department of Chemistry, to this meeting.

Apart from the question as to the nature of the building which is to be built, all of these men are, of course, very vitally interested in the conduct of the State Surveys, and a large amount of cooperation between these departments and the surveys should, of course, be fostered by our Board.

Very sincerely,



W. A. Noyes
Secretary, Board of Natural Resources and Conservation

October 2, 1934 (from Dr. Edson S. Bastin, Vice Chair, Board of Natural Resources)

The University of Chicago

Department of Geology

Prof. Wm. A. Noyes,
Department of Chemistry,
University of Illinois,
Urbana, Illinois.

My dear Professor Noyes:

I have your letter of September 30th and also the carbon of your letter of the 29th addressed to Director Hallihan. On the same day I received from Director Hallihan his letter naming a sub-committee of the Board to consider plans for the proposed building to house the scientific surveys and asking me to call a meeting of that committee at an early date.

My personal feeling is that the matter of a building to house the surveys should be very carefully considered from all angles, including the possibility of accommodating certain phases of the University's work. More than one committee meeting or full Board meeting may be necessary before a final conclusion can be reached. I think that we will save time and that it will also be the most appropriate mode of procedure if the matter receives preliminary consideration from the sub-committee named by Director Hallihan consisting of Professor Trelease, yourself, myself and the three Chiefs. I feel that we on the Board should, if possible, agree in regard to our own policy in this matter first of all. If it seems wise to take counsel with various University Heads of Departments, this will be possible later - either informally or by invitation to them to meet with the committee.

The regular meeting of the Board is set for October 22 and it would seem to me that the results of our committee discussion could appropriately be reported to the full Board at that meeting.

Board of Natural
Resources and
Conservation

If, as a result of our committee discussion, it appears that there is considerable diversity of opinion as to what policy should be pursued it would be quite appropriate to set forth alternative plans for submission to the Board.

I am writing to the other committee members in regard to the suitability of October 13 for our meeting.

October 10, 1934 (from Dr. M. M. Leighton, Chief, Illinois State Geological Survey)

Below are excerpts from a 10-page detailed letter (plus locational map; see Appendix) from Chief Leighton, which is in response to an upcoming meeting of the Board of Natural Resources. Leighton provides the space requirements for the then existing three ISGS Divisions (Stratigraphy & Paleontology, Sub-Surface, and Areal Geology).

Urbana, Illinois
October 10, 1934

The Building Sub-Committee:

Dr. E. S. Bastin, Chairman
Professor W. A. Noyes
Professor William Trelease

State Board of Natural Resources and Conservation, Department of
Registration and Education:

SUBJECT: The Building Requirements of the Illinois State
Geological Survey.

Gentlemen:

The following is offered as a contribution to your consideration of the building requirements of the Illinois State Geological Survey.

Nearly thirty years ago, in 1905, the State Geological Survey was organized and was provided with modest quarters by the University of Illinois on the first floor and in the basement of the northwest corner of the Chemistry Building. It remained here for five or six years. About 1910 or 1911, upon the completion of the south portion of the Natural History Building, it was moved to several rooms on the first floor and in the basement in the southwest corner of the Natural History Building. Then, when the Illinois Clay Manufacturer's Association importuned the Legislature to make appropriations for the construction of the Ceramics Building, the cramped quarters of the Survey and the Department of Geology were recognized and plans were made for housing the Survey on the third floor of the new building, with the exception of three rooms at the north end. There was wholesome sentiment in this, arising from the fact that the bill which established the Survey also carried an appropriation founding the Department of Ceramic Engineering, and also logic in that the research work of the two organizations was closely associated. For many years this space met the needs of the Survey.

Considerably less room was needed by the State Geological Survey than by the Department of Ceramic Engineering, in view of the fact that the latter needed class rooms as well as offices and laboratories; whereas the State Geological Survey, although it had a larger program of research embracing all of the mineral resources of the State, was carrying forward a type of program in which the great Out-of-Doors, Mother Earth itself, was its main laboratory.

October 10, 1934 (letter from Dr. M. M. Leighton, continued)

GENERAL COMMENTS

1) The following is a copy of a letter from Acting President Arthur H. Daniels, which makes very clear to our State Geological Survey that no further space, facilities, or services can be provided by the University except at the expense of the State Geological Survey.

"UNIVERSITY OF ILLINOIS

November 13, 1933

Dr. M. M. Leighton, Chief
State Geological Survey Division
Ceramics Building

Dear Doctor Leighton:

After conferring with Mr. Havens, Acting Director of Buildings and Grounds Operations, I am replying to the requests contained in your recent letters as follows:

I am willing to have the business relations with Mr. Havens' office and the Survey continue for this biennium as in past years, with the understanding, however, that the gas consumed by your department, either in the Geological Survey Annex or through the equipment operated by the Ceramics Department, shall be charged to your account.

It is also to be understood that the University is not able to extend any further facilities to the Survey in the way of room, equipment, or service, unless the expense is assumed by the Survey.

At the end of the present biennium, the opinion of the Attorney General, as expressed in his letter of October 23, last, copy of which I enclose, shall apply to the question of further service of the University to the Survey.

Cordially yours,

(Signed) ARTHUR H. DANIELS

Acting President"

Enclosure
AHD M

2) The Civil Administrative Code provides for the housing of the scientific surveys in Section #1, Article #62, as follows:

" §62. University of Illinois - Duties.) Unless otherwise provided by law, the functions and duties formerly exercised by the State entomologist, the State laboratory of natural history, the State water survey, and the State geological survey and vested by this Act in the

October 10, 1934 (letter from Dr. M. M. Leighton, continued)

department of registration and education, shall continue to be exercised at the University of Illinois in buildings and places provided by the trustees thereof."

It is clear from the above, in the phrase, "Unless otherwise provided by law,...." that it is possible for the State Department of Registration and Education to ask for the necessary appropriations.

3) Attached herewith is a summary of the space requirements of the State Geological Survey by Sections and Divisions, together with a map of the campus which shows the locations where the work of the State Geological Survey is being carried on and also charts showing the locations and sizes of the rooms occupied by the State Geological Survey in the Ceramics Building (basement, first floor and third floor) and in the Turner house and the brick annex and garage.

Very respectfully yours,

Franklin

REQUIREMENTS FOR GENERAL OFFICES, AUDITORIUM, ETC.

Summary of space requirements provided on October 23, 1934

	Space now occupied sq. ft.	Space re- quirements sq. ft.
<u>General Storage Space</u> Attio, Ceramics	1,350	3,000
<u>Miscellaneous Basement Storage</u> Ceramics Basement	334	1,500
<u>Representative of the United States Geological</u> <u>Survey - Office</u>	---	200
<u>Auditorium</u>	---	1,500
Total for General Offices, Auditorium, Etc.	3,991	14,085
Total Main-Building Working Space for all	18,007	59,885
Total estimate for halls, etc. (23% floor space)	5,379	17,887
GRAND TOTAL - FOR BUILDING	23,386	77,772

SPACE REQUIRED SEPARATE FROM MAIN BUILDING

- (1) Garage space..... 2700 sq. ft.
- (2) Machine shop and industrial laboratory for high
pressure work, semi-permanent construction..... 12000 sq. ft.
- (3) Fire-proof vault for storage of chemicals..... 500 sq. ft.
- Total separate from main building.....15,200 sq. ft.

October 29, 1934 (from Charles S. Havens, Director, U of I Physical Plant Dept.)

President A. C. Willard
355 Administration (West)

Dear President Willard:

This is the first correspondence providing formal cost estimates for a proposed Natural Resources Building to house the ISGS & INHS.

At your request we are submitting estimates and comments on the construction of a proposed building to house the State Geological Survey Division and the State Natural History Survey Division, based upon such facts as are available in the letters from T. H. Frison and H. M. Leighton of October 19, 1934. It

seems only fair to add here that these estimates are tentative and should be held subject to revision as the necessary facts are available to serve as a basis for a final estimate.

Plan now is for a new building for the ISGS & INHS.

Estimates have been prepared comparing the cost of construction of a proposed building on the south campus directly east of the Morrow Plots, and on the area north of Green Street, east of Mathews Avenue, west of Goodwin Avenue, and south of the Boneyard. These rough estimates on the following items are listed in a comparative form on the attached sheet.

(1) Estimated cost of land acquisition if proposed building is to be erected on the north campus site.

(2) Estimated cost of construction of the main building and auxiliary structures on the basis of requirements listed in the above letters.

(3) Estimated cost of extending service lines to each of the sites of the new building.

(4) Estimated cost of moving the Surveys into the new building.

(5) Estimated expenditure per year for operation and maintenance of the proposed building.

(6) Estimated space in University buildings to be released when the Surveys are moved into the new building.

(7) Cost of remodeling and rehousing the University departments to make use of the vacated space.

October 29, 1934 (from Mr. C. S. Havens, continued)

ESTIMATED COST OF SURVEY BUILDING

Main Building Floor Area Requested by Geological Survey - 77,772 sq. ft.

"	"	"	"	"	"	Nat. Hist.	"	-	39,443	"	"
											(1)
									117,215		

Assume four-story building necessary with cubage height of 60 ft.

First formal cost estimate for a new building.

$\frac{60}{4} = 15$ ft. per story @ 50¢ plus = \$7.50 per sq. ft.

117,215 x \$7.50 \$ 879,112.50

Garage space (2700 + 2400) x 20' x 16¢ 16,500.00

Machine Shop and Industrial Laboratory
12,000 x 20' x 20¢ 48,000.00

Other separate areas (7,250 + 500) x 15' x 30¢ 35,000.00

Total \$ 978,612.50⁽²⁾⁽³⁾

(1) Allowance made in combined total for auditorium common to both requests.

(2) No provision for new equipment nor for the acquisition of property.

(3) Special attention is directed to the fact that this figure is in excess of the \$825,000 estimated by the Sub-Committee of the State Board of Natural Resources and Conservation. The latter figure was used in the budget estimates of the University as submitted to the State Department of Finance under date of October 25, 1934.

COMPARISON OF SPACE REQUIREMENTS

(1) Space in present garage used for such purposes.
(2) Deducting duplication of auditorium.

Geological Survey

	<u>Present Space</u>	<u>Proposed Space</u>
Main building usable space	18,007	59,885
Allowance for halls, etc.	5,379	17,887
	<u>23,386</u>	<u>77,772</u>
Auxiliary space	2,760 ⁽¹⁾	15,200
Total	26,146	92,972

Natural History Survey

Main building usable space	16,742	32,330 ⁽²⁾
Allowance for halls, etc.	3,594	7,113 ⁽²⁾
	<u>20,336</u>	<u>39,443</u>
Auxiliary space	2,412	9,650
Total	<u>22,748</u>	<u>49,093</u>
Total space for both Surveys	<u>48,894</u>	<u>142,065</u>

October 31, 1934 (from Dr. A. C. Willard, President, University of Illinois)

UNIVERSITY OF ILLINOIS
OFFICE OF THE PRESIDENT
URBANA, ILLINOIS

FOR INFORMATION OF Professor W. A. Noyes

October 31, 1934

Honorable John J. Hallihan, Director
Department of Registration and Education
Springfield, Illinois

Dear Director Hallihan:

In accordance with my verbal agreement of the 23d, I am sending you herewith a letter from the Director of the Physical Plant Department of the University presenting approximate estimates of cost for, and comments on, the proposed new building for the State Geological and Natural History Surveys for which the Board of Natural Resources and Conservation expects to request that a state appropriation be made to the University. The estimates which accompany this letter include the complete cost of the building, the cost of connecting it up with the University power plant from each of two different sites, and the cost of other services supplied by the Physical Plant Department as well as the actual cost of operation and maintenance.

Since we had to submit the University budget to the Department of Finance last week, I included with our budget an item of \$825,000 for the proposed Surveys Building, and inserted the following paragraph in my letter of transmittal:

In addition to the request for capital additions for strictly University purposes, there is included, by request of the Board of Natural Resources and Conservation, an item estimated at \$825,000 for a new building for the State Surveys which are a part of the Department of Registration and Education, but by direction of the General Assembly are housed at the University of Illinois. This figure covers the actual cost of the building, including plumbing, heating, and lighting, and the cost of connecting it to the University power plant. Provision for the site is requested in the special appropriation for land already mentioned. If the appropriation for the building is made, a further addition must be made to the University budget to provide for the expense of operation and maintenance of the building, estimated at \$43,000 for the biennium.

Dr. W. A. Noyes was consulted about this matter as Secretary of the Board of Natural Resources and Conservation, and it was his opinion that pending any further action by the Board of Natural Resources and Conservation, we should use the figure of \$825,000, which was originally suggested by the sub-committee of the Board of Natural Resources and Conservation.

If you desire any further information about these estimates, I shall be glad to hear from you at your convenience.

Very sincerely yours,

Enclosure
ACW M

A. C. Willard
President

December 17, 1934 (letter from the University of Illinois Board of Trustees)

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
URBANA

MEMBERS OF THE BOARD

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PARKWAY
MERLE J. TREES, CHICAGO, 37 W. VAN BUREN ST.
GEORGE A. BARR, JOLIET
EDWARD E. BARRETT, CHICAGO, 400 N. MICHIGAN
AVE.
WALTER W. WILLIAMS, BENTON
NELLIE V. FREEMAN, MATTOON
ORVILLE M. KARRAKER, HARRISBURG
KARL A. MEYER, CHICAGO, COOK COUNTY HOSPITAL



OFFICERS OF THE BOARD

WALTER W. WILLIAMS, PRESIDENT, BENTON
H. E. CUNNINGHAM, SECRETARY, URBANA
161 ADMINISTRATION BUILDING
FRANK M. GORDON, TREASURER, CHICAGO
FIRST NATIONAL BANK
LLOYD MOREY, COMPTROLLER, URBANA
257 ADMINISTRATION BUILDING

December 17, 1934

Professor W. A. Noyes, Secretary, Illinois
Board of Natural Resources and Conservation
1114 West Oregon Street
Urbana, Illinois

Dear Sir:

The Board of Trustees of the University of Illinois will hold a special adjourned session at the new Medical Building, 1853 West Polk Street, Chicago, at 9:30 o'clock a.m. on Saturday, December 22, to inspect the old Dental Building, and to hear the representatives of the Medical and Dental Schools on the needs of their organizations. Since the General Assembly has already made an appropriation for the Medical and Dental Building which was not constructed because of economic stress, there is a feeling that the needs of these departments should receive special consideration whenever it becomes possible to make additions to our physical plant. As several other interests are asking for new buildings, their representatives will be invited to attend this meeting. This includes the Illinois Press Association, the State Board of Natural Resources, and the Illinois Mining Institute. The State Department of Finance, and of course our own departments, who are interested, will be requested to have representatives at this meeting. A second meeting will be held in Urbana, probably January 19, at which the same organizations will be invited to appear. It is my understanding that only the needs of our Chicago departments will be presented on Saturday, and that the other departments will be asked to present their needs in January. It is desired, however, to have representatives of all parties present at both meetings.

Please let me know whether you will attend or not.

Sincerely yours,

H. E. Cunningham
H. E. Cunningham
Secretary

Consult the Minutes
of the U of I Board of
Trustees

1935-1938

The years 1935 through 1938 were critical in the evolution of what would ultimately become known as the Natural Resources Building. Unfortunately, the archival correspondence included below for this period is not as complete as for previous years. In order to provide additional documentation, the author researched the official Minutes of the University of Illinois Board of Trustees meetings (Board), which were normally held on a monthly basis.

The state scientific surveys have historically been co-located on the U of I campus, but prior to July 2008 these agencies were administered through the State of Illinois, and therefore not considered university departments. However, major decisions regarding assignment of space, including new buildings, are made by the U of I President with the approval of the Board. Because the Minutes of the Board minutes are official documents, they are transcribed and approved at each monthly meeting, and therefore afford an excellent record of the formal deliberations and decisions relevant to the capital building that would eventually contain the offices and personnel of the Illinois State Geological Survey and the Illinois Natural History Survey.

Portions of the monthly Board Minutes for the years of 1926 and 1934-1940 which are relevant to the new building have been reproduced and compiled into a separate PDF document. To facilitate reading, the pertinent sections within the Minutes have been highlighted.

1935

December 14, 1935 (from H. E. Cunningham, Secretary, U of I Board of Trustees)

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

URBANA

MEMBERS OF THE BOARD

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FIRST NATIONAL BANK
LLOYD MOREY, COMPTROLLER, URBANA
257 ADMINISTRATION BUILDING

January 11, 1935

Professor W. A. Noyes, Secretary
Illinois Board of Natural Resources and
Conservation
112 Chemistry Building

Dear Professor Noyes:

See January 19, 1935 minutes of the
Board of Trustees Meetings.

According to the plan formulated in December, the Board of Trustees of the University of Illinois will give further consideration at its meeting on Saturday, January 19, 1935, to the needs of its physical plant, and particularly to the requests for new buildings presented by various interests.

At a meeting held in Chicago on December 22, 1934, the needs of the Medical and Dental Schools were presented, and the old Dental building was inspected. Similar attention will be given on January 19 to the requests for new buildings at Urbana, including those of the Geological and Natural History Surveys, Journalism, the Library, Mining Engineering, Armory Annex, and the power plant. Representatives of the Illinois Board of Natural Resources and Conservation, the Illinois Mining Institute, the Illinois Press Association, the State Department of Finance, and of our own departments, are requested to be in attendance in Room 354 Administration Building, at Urbana, at 2 o'clock p.m. on Saturday, January 19, 1935, for the purpose outlined above. It is hoped that the same persons who attended the meeting in Chicago, as well as those who could not attend at that time, will be present. The officers and representatives of the organizations and departments interested, and the members of the staff of the University, to whom this letter may come, are requested to notify the undersigned with respect to their individual plans for attending this meeting.

Very sincerely yours,

H. E. Cunningham
H. E. Cunningham

Secretary of the Board of Trustees

January 14, 1935 (supporting letter for submission to the January 19, 1935 U of I Board of Trustees meeting.)

AMERICAN INSTITUTE OF MINING AND METALLURGICAL ENGINEERS

CHICAGO SECTION

EXECUTIVE COMMITTEE

PAST CHAIRMEN

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C. T. HAYDEN

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EMPLOYMENT SERVICE

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MINING AND METALLURGY

W. R. HOMAN



G. EGLOFF, CHAIRMAN

D. L. COLWELL, VICE-CHAIRMAN

A. C. CARLTON, SEC'Y-TREAS.
MUSEUM OF SCIENCE AND INDUSTRY
57TH ST. AND LAKE MICHIGAN
CHICAGO, ILL.
TELEPHONE PLAZA 8100

January 14, 1935

EXECUTIVE COMMITTEE

TECHNICAL

H. A. ANDERSON, METALLOGRAPHY

R. S. ARCHER, ALUMINUM

C. H. BEHRE, GEOLOGY

A. H. CARPENTER, IRON AND STEEL

J. A. GARCIA, COAL

A. J. HOSKIN, METAL MINING

M. M. LEIGHTON, MINERAL INDUSTRIES

J. H. NEAD, IRON AND STEEL

P. A. ROBBINS, GOLD

R. M. TREE, COPPER, BRASS AND
BRONZE

THERON WASSON, PETROLEUM

F. E. WOOD, PETROLEUM

Professor William A. Noyes
Department of Chemistry
University of Illinois
Urbana, Illinois

Dear Professor Noyes:

The following resolution was adopted unanimously at the last meeting of the Executive Committee of the American Institute of Mining and Metallurgical Engineers, Chicago Section:

Be it resolved, That the Chicago Section of the American Institute of Mining and Metallurgical Engineers endorses heartily the proposal of the Board of Natural Resources and Conservation that the State of Illinois provide a suitable and adequate State Natural Resource Building to house the researches of the State Geological Survey Division, said building to be located at such place as will promote best the efficiency of the operations of the Geological Survey.

Be it further resolved, That a copy of this resolution be recorded in the minutes of the Section and that a copy be sent to His Excellency, the Governor of the State of Illinois and to other interested officials.

Many members of the Chicago Section of the American Institute of Mining and Metallurgical Engineers are personally acquainted with the splendid work now being conducted by the State Geological Survey. They are also aware of the hopelessly inadequate facilities under which this work is being carried on, and are confident that, should proper housing be provided, the efficiency of the Survey will be very materially

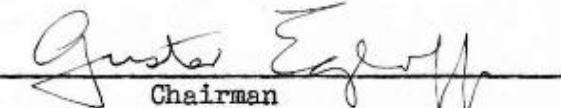
January 14, 1935 (supporting letter signed by Dr. Gustav Egloff, continued.)

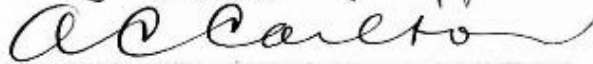
increased with the result that great benefits will be derived by the Mineral Industries of the State. It is therefore the earnest hope of the members of the Chicago Section of the Institute that favorable action will be taken with regard to the providing of a suitable State Natural Resource Building.

Very truly yours,

AMERICAN INSTITUTE OF MINING AND METALLURGICAL
ENGINEERS
CHICAGO SECTION

By


Chairman


Secretary

ACC/el

January 16, 1935 (from Dr. W. A. Noyes, recognizing letter from Gustav Egloff.)

Urbana, Ill., Jan. 16, 1935

Dr. Gustav Egloff,
Chairman of the Chicago Section of
American Institute of Mining and Metallurgical Engineers.

Dear Dr. Egloff:

Thank you most heartily for your letter of Jan. 14th containing the resolution of your Section in support of the proposal of a State Natural Resource Building to house the State Geological Survey.

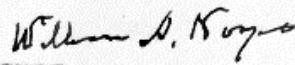
It must be clearly understood that while, under the code, this building is to be asked for by the Trustees of the University of Illinois, it will be possible for them to make this request only with a clear understanding that such a request will not interfere with an appropriation which will care properly for the urgent needs of the University.

For some time past the University has been hampered by a reduced budget which would very seriously interfere with the proper work of the institution if the appropriation is not materially increased.

In addition to this the University voluntarily decided not to use an appropriation made by a former Legislature for building a Medical and Dental building which is urgently needed to care for the work of these Departments in Chicago.

I hope that the Trustees of the University will be willing to ask for the Natural Resource Building and that the Legislature will appropriate the money needed for the erection of the building.

Yours very sincerely,


William A. Noyes
Secretary of the Board of
Natural Resources and Conservation.

Copies to
J.J. Hallihan
M.M. Leighton
T.H. Frison
A.C. Willard

January 23, 1935 (letter from Miles Bryant in support of the Natural History Survey for a "State Natural Resource Building".)

ARTHUR L. PALMGREN, President
Glenview

ELMER L. CLAVEY, Vice-President
Deerfield

ERNEST KRUSE, Treasurer
Whooling

MILES W. BRYANT, Secretary
Princeton

Illinois State Nurserymen's Association



INCORPORATED

PRINCETON, ILLINOIS

January 23, 1935

Code of Ethics

ILLINOIS STATE NURSERYMEN'S ASSOCIATION

FIRST — To consider my vocation worthy, as affording me distinct opportunity to serve society.

SECOND — To improve myself, increase my efficiency and enlarge my service and by so doing attest my faith in the nursery business.

THIRD — To realize that I am a Nurseryman and a business man and ambitious to succeed, but that I am first an ethical man, and wish no success that is not founded on the highest justice and morality.

FOURTH — To hold that the exchange of my goods, my service, my ideas for profits is legitimate and ethical, and that it shall be my aim that all parties in the exchange are benefited thereby.

FIFTH — To use my best endeavors to elevate the standards of the vocation in which I am engaged.

Prof. Wm. A. Noyes, Sec'y.
Board of Natural Resources & Conservation,
c/o Department of Chemistry,
University of Illinois,
Urbana, Illinois.

Dear Sir:-

It came to the attention of the Illinois State Nurserymen's Association, during their convention in Chicago last week, that your Board and the State of Illinois were seriously considering the construction of a Natural Resources Building at the University to house the activities of the State Natural History Survey and the Geological Survey, that appropriations for such a building had in fact been included in the proposed budget for the University for the coming biennium.

For several years the State Natural History Survey, at the instance of the Illinois State Nurserymen's Association, has been conducting some valuable investigations in the scientific study of the diseases affecting ornamental, shade, and forest trees, a work which is of course considerable importance to the nurserymen of the State. Through our connection with that work we have come to know something of the cramped and scattered quarters and inadequate equipment under which the State Natural History Survey is working, and certainly are glad to know that plans are being made to adequately house these activities. The Association wishes to back you in this move to the best of its ability, and to that end the Association unanimously passed the following resolutions at the annual convention of the Association held at the Hotel Sherman in Chicago on January 16th and 17th, 1935:

BE IT RESOLVED, that the Illinois State Nurserymen's Association indorses the efforts of the State Board of Natural Resources and Conservation to have the offices, laboratories and greenhouses of the State Natural History Survey housed in a new State Natural

January 23, 1935 (Miles Bryant support letter, continued.)

Resource Building, advantageously located from the standpoint of the surveys on the campus of the University of Illinois and that this item be placed either in the budget of the State Department of Registration and Education or in that of the University of Illinois,

BE IT FURTHER RESOLVED, that copies of this resolution be incorporated in the minutes of this meeting and copies be sent to His Excellency, the Governor of Illinois, the Director of the State Department of Registration and Education, to Members of the State Board of Natural Resources and Conservation, to the President of the University Board of Trustees and other organizations interested in the sound development of a natural resource program in Illinois.

We certainly trust that you will be able to bring these plans to consummation.

Very truly yours,

MWB:HB


Secretary

1936 (No archival correspondence available)

1937

Dated September 8, 1937 (including an update on October 30, 1937), an unknown individual compiled a Chronology of events entitled, "State Natural Resources Building Project", which covers the period from October 23, 1934—September 24, 1937. While the recording of each event is a brief summary, the Chronology nonetheless provides a useful perspective from someone contemporary with the ongoing happenings to secure a new building.

Notes: 1) the "Exhibits" referenced in the Chronology were not included; 2) archival correspondence dated November 3, 1937—December 21, 1937 was 'clipped' to the Chronology, and is outside the Chronology events. The pertinent correspondence is included here after the Chronology.

September 8, 1937

CHRONOLOGY

State Natural Resources Building Project.

- 1934, October 23 Board of Natural Resources and Conservation received a report of the building committee containing revised estimates of cost: main building \$625,000; accessory buildings (high temperature and pressure laboratory, greenhouse and garage) \$100,000. A committee was appointed to confer with Governor Horner. See Exhibit A.
- 1934, December In December, Governor Horner met with the University officials and Chiefs of the Survey in the offices of the University Board of Trustees, Urbana. Directors Hallihan and Ames were among those present. University officials made statements regarding the building needs of the University and the Survey Chiefs regarding the proposed Natural Resources Building. Governor Horner expressed himself as being sympathetic with the needs but intimated that the financial conditions of the State would not permit any considerable amount of building.
- 1935, Regular Session of the General Assembly. In accordance with the judgment of Governor Horner, no appropriation bill for a State Natural Resources Building was introduced in the General Assembly of 1935, but an enabling act was passed authorizing the Department of Registration and Education to obtain federal funds by grant and to enter into contracts, provided no debt be created against the State. This was approved and signed by Governor Horner. See Exhibit B.

Chronology: August 10, 1935—September 16, 1935

1935, August 10. C. Herrick Hammond, State Architect, submitted application to P. W. A. for grant to construct and equip a Natural Resources Building, the federal government's share to be \$675,000 (45%), the State's share \$825,000 (55%). These amounts were larger than we anticipated but time limitations for filing the application prevented revision.

Federal PWA grant application will require an appropriation by the State of Illinois to be approved prior to PWA awarding a grant.

August 16. C. W. McCardell, State Division of Architecture and Engineering, wrote Leighton that six copies of a letter from the Governor would be needed, stating that he will ask the Special Session of the State Legislature to appropriate the State's share of the cost. See Exhibit C. (This was transmitted to Governor Horner by Director Hallihan, in a letter dated September 3, 1935.)

September 10. Governor Horner wrote Director Hallihan that he would include in the call for the next special session a request for an appropriation of \$300,000 for the State's share (55%). See Exhibit D.

September 14. Governor Horner again wrote Director Hallihan, stating that he would include the item in the call, if approval of the Federal Government is obtained before he makes the call. See Exhibit E.

September 16. C. H. Bauer, State Director, P. W. A., wrote Director Hallihan that his office will give very serious consideration to the application, and adding favorable comments. See Exhibit F.

Chronology: September 17, 1935—June 30, 1936

1935, September 17. Director Hallihan transmitted Bauer's letter of the 18th to Governor Horner, expressing the hope that he would see fit to place the request for an appropriation in his call for the special session. See Exhibit G.

1935-1936 Special Sessions.

The first special Session was called on October 22, 1935 and it adjourned March 6, 1936. The second Special Session was called on January 7, 1936 and adjourned December 10, 1936. The third Special Session was called on February 4, 1936 and adjourned March 6, 1936. The fourth Special Session was called May 16, 1936 and adjourned June 19, 1936. None of the calls for these Sessions included an item for an appropriation for the Natural Resources Building.

A fifth Special Session, I believe, was contemplated but never called. It is my recollection that Governor Horner intended to include the appropriation item in this call.

1936, June 19. C. H. Bauer, State Director, P. W. A., wrote Director Hallihan inquiring what had been done towards obtaining the appropriation. See Exhibit H. (Signed by Raymon J. Roth, Chief Counsel.)

Appropriation from State of Illinois required to obtain PWA grant (it did not occur in time).

June 26. Director Hallihan replied. See Exhibit I.

June 30. State Director Bauer acknowledged Director Hallihan's letter. See Exhibit J.

Chronology: August 13, 1936—July 15, 1937

1936, August 13. It appears that Director Hallihan conferred with Governor Horner on this date, which is indicated by the telegram which he sent Leighton, stating that the Governor had agreed to put the appropriation item in the (next) special call. See Exhibit E.

This call was never made. It was my understanding at the time that it was to be on educational matters.

Acting PWA
State Director

December 8. Director Hallihan wired Acting State Director Kennicott as to status of application, stating he was considering introducing appropriation bill for the State's share in the legislative session to begin January 2. See Exhibit L.

December 11. Acting State Director Kennicott replied advising that inquiry was being forwarded to Washington, but suggested to proceed with the legislation. See Exhibit M.

December 23. Acting State Director Kennicott replied further to Director Hallihan's telegram of December 8th, stating that he had received word from Washington that the project would be "reinstated to an active status as soon as the necessary enabling legislation has been passed." See Exhibit N.

1937, July 15. Director Hallihan wrote State Director Kennicott, P. W. A., in reply to his letter of December 23, 1936, informing him that an appropriation of \$300,000 had been passed by the General Assembly, (on June 28), signed by the Governor, and is now in effect. See Exhibit O.

Too late for PWA
grant deadline.

Chronology: July 31, 1937—September 17, 1937

1937, July 31.

Director Hallihan wrote State Director Kennicott, P. W. A., regarding news dispatches and inviting his attention to Hallihan's letter of July 15th, also his telegram of December 8, 1936, and Kennicott's reply of December 23, 1936. See Exhibit P.

August 10.

Governor Horner wired Administrator Ickes. See Exhibit Q.

Harold L. Ickes was Secretary of the Interior and headed the Public Works Administration.

August 19.

Administrator Ickes wrote in reply to Governor Horner's letter stating that the case was rejected on July 19, 1936 and its status has remained unchanged to date. See Exhibit R.

Mr. Ickes ignores the fact that they had agreed to reinstate the project to an active status as soon as the necessary enabling legislation was passed. See Exhibit N, which was written "for the Administrator" by Acting State Director Kennicott.

The following items have been added as of present date, October 30, 1937:

September 17.

Governor Horner wrote in reply to Administrator Ickes' letter, reviewed thoroughly the history of the matter, emphasized that "our application had been approved by examining divisions prior to the time of the enactment of the law of June 29, 1937, and had been suspended subsequently merely as a method of your office procedure of handling such conditionally approved applications, pending the fulfillment of the condition, viz: the formal State appropriations."

He urged also that he personally review the matter, saying "We believe that if you will personally reconsider the view which your letter of August 19 expresses, in respect to the eligibility of the project in the light of this letter and your knowledge of affairs in Illinois, you will be able to reach the conclusion that the project is eligible for allotment."

September 24. Administrator Ickes wrote in reply that "The information contained in your letter has been considered from every possible angle, but the facts presented permit no change in the status of this application, as outlined in my letter addressed to you on August 19."

1936 ends with no
Federal PWA grant
funding.

1937

November 3, 1937 (from U of I President A. C. Willard to Governor Horner)

UNIVERSITY OF ILLINOIS
PRESIDENT'S OFFICE

November 3, 1937

Honorable Henry Horner
Governor of Illinois
Springfield, Illinois

Dear Governor:

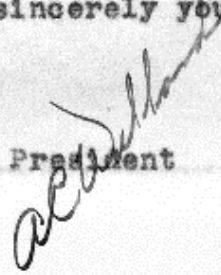
Last Saturday when you were here we talked briefly about the status of the application of the State of Illinois for a grant of Federal funds to aid in the construction of a building for the State Surveys at the University, and you expressed the opinion that this matter is not yet definitely closed. I have just returned from a meeting of the Board of Natural Resources and Conservation held in Chicago yesterday at which this matter was also discussed.

So far as could be determined at the meeting of this Board, there are no new facts known to us concerning the status of this project beyond those presented in your letter of September 17, 1937 to Administrator Ickes and his reply of September 24. In view of those two letters the Board of Natural Resources and Conservation assumed the matter is closed, but if in your opinion there is any way of reopening it the Board will appreciate anything you can do. In case this Federal grant cannot be secured, the Board of Natural Resources and Conservation would be in favor of constructing the first unit of the Surveys Building with the present State appropriation.

This letter is not intended as an official report from the Board of Natural Resources and Conservation as you will doubtless receive that from the Chairman or Secretary duly. In the meantime I am sending this information informally as a follow-up on our conversation of last week.

Very sincerely yours,

President



November 22, 1937 (Letter from President A. C. Willard to the Building and Grounds Committee, U of I Board of Trustees.)

November 22, 1937

Honorable H. M. Adams, Chairman
Committee on Buildings and Grounds
509 Illinois Building
Springfield, Illinois

Dear Mr. Adams:

On November 12 I wrote each member of your Committee concerning the statement and resolution of the State Board of Natural Resources and Conservation, which had been presented to the Board of Trustees of the University on November 10, relative to the proposed Natural Resources Building to house the State Natural History and Geological Surveys. The question of the site of this building was referred to your Committee, and the question of the proposed agreement to be entered into by the University and the State Department of Registration and Education for the operation of the building (if it is built upon the campus of the University) was referred to the Committee on General Policy.

I assume that your Committee and the Committee on General Policy will have recommendations to make to the Board at its next meeting on December 3. It is very important from the point of view of the State Surveys that these questions be decided as soon as possible. The Department of Registration and Education has an appropriation of \$300,000 for this building, and if it is to be constructed during the present biennium work must get under way as soon as possible.

The following Building Committee of the State Board of Natural Resources and Conservation and the Chiefs of the two Surveys stand ready to appear before your Committee and supply such information as may be desired:

Professor E. S. Bastin, Department of Geology,
University of Chicago, Chicago
Professor William Trelease, Department of Botany,
206 Natural History, University of Illinois,
Urbana
Professor W. A. Noyes, Department of Chemistry,
112 Chemistry, University of Illinois, Urbana
Dr. T. H. Frison, Chief, State Natural History
Survey Division, 219 Natural History, Uni-
versity of Illinois, Urbana
Dr. M. M. Leighton, Chief, State Geological Survey
Division, 305 Ceramics, Urbana.

The State and U of I
will proceed with
construction using
the funds available.

November 22, 1937 (Letter from President A. C. Willard to the Building and Grounds Committee, continued.)

Honorable H. M. Adams - 2

November 22, 1937

As suggested in my letter of November 12, the Physical Plant Department should also be represented at discussions of the question of the site, as well as the proposed agreement. It would appear desirable that your Committee and the Committee on General Policy, perhaps in joint session, have a conference with the Building Committee of the State Board of Natural Resources and Conservation and the two Survey Chiefs in the near future, certainly before December 3, so that the Board of Trustees may act upon your recommendations at the next meeting.

The Survey Chiefs called on me this afternoon to inquire what progress is being made and to offer their services if needed to expedite the consideration of these two questions. They are naturally, and quite properly, anxious to have the Board's decision at the earliest possible date.

Very sincerely yours,

A. C. Willard
President

Consult U of I
Board of Trustees
Minutes.

November 22, 1937 (Letter from President A. C. Willard to the Committee on General Policy, U of I Board of Trustees.)

November 22, 1937

Honorable James M. Cleary, Chairman
Committee on General Policy
310 South Michigan Avenue
Chicago, Illinois

Dear Mr. Cleary:

On November 12 I sent each member of your Committee a copy of the statement and resolution from the State Board of Natural Resources and Conservation, which was presented to the Board of Trustees on November 10, relative to the proposed Natural Resources Building to house the State Natural History and Geological Surveys. The Board referred to your Committee the question of the agreement to be entered into between the University and the State Department of Registration and Education for the operation of this building if it is constructed on the grounds of the University.

The Chiefs of the two Surveys were in to see me this afternoon to inquire when it will be possible for the Board to give them a decision on this matter. They are naturally anxious to get this settled as soon as possible. The Department of Registration and Education has an appropriation of \$300,000 for a building and if it is to be constructed during the present biennium work on it should get under way immediately. The following Building Committee of the Board of Natural Resources and Conservation and the two Survey Chiefs stand ready to appear before your Committee to supply such information and advice as may be needed:

Dr. Edson S. Bastin, Department of Geology, University of Chicago, Chicago, Illinois (Chairman of the Committee)
Professor William Trelease, 206 Natural History Building, University of Illinois, Urbana
Professor W. A. Noyes, 112 Chemistry Building, University of Illinois, Urbana
Dr. T. H. Frison, Chief, State Natural History Survey, 219 Natural History Building, University of Illinois, Urbana
Dr. M. M. Leighton, Chief, State Geological Survey, 305 Ceramics Building, University of Illinois, Urbana

As suggested in my letter of November 12, the Physical Plant Department should also be represented at the discussion of the proposed agreement and the question of the site. I assume that your Committee expects to make its report to the Board of Trustees at its meeting on December 3. It is very desirable, from the point of view of the Surveys, that the Board give them a decision on these matters at that time. Since the site and the agreement cannot

November 22, 1937 (Letter from President A. C. Willard to the Committee on General Policy, U of I Board of Trustees, continued.)

Honorable James M. Cleary - 2

November 22, 1937

FOR INFORMATION OF

very well be considered independently, it would seem to me advisable that your Committee and the Committee on Buildings and Grounds in joint session meet with the Building Committee of the State Board of Natural Resources and Conservation and the two Survey Chiefs, and the Director of the Physical Plant Department to discuss these matters so that all concerned may have a hearing and an opportunity to present their views. I have written a similar letter to Mr. H. M. Adams, Chairman of the Buildings and Grounds Committee.

Very sincerely yours,

A. C. Willard
President

November 22, 1937 (from H. E. Cunningham, Secretary, U of I Board of Trustees.)

Professor W. A. Noyes

112 Chemistry Building

Dear Professor Noyes:

The Chairman of the Committee on Buildings and Grounds of the Board of Trustees, asks me to invite you to attend a meeting of the Committee on Friday morning, November 26, 1937, at which time the matter of the site of the proposed Natural Resources Building will be considered.

If you can attend this meeting, I would suggest that you come to President Willard's office at about 11 o'clock a.m. on Friday.

I am notifying all members of the Building Committee of the Board of Natural Resources and Conservation, and the Chiefs of the State Geological and Natural History Surveys.

Sincerely yours,

H. E. Cunningham
H. E. Cunningham
Secretary

November 27, 1937 (Follow-up letter from H. E. Cunningham, Secretary, U of I
Board of Trustees.)

UNIVERSITY OF ILLINOIS

358 Administration Building
November 27, 1937

Dr. W. A. Noyes
112 Chemistry Building

Dear Dr. Noyes:

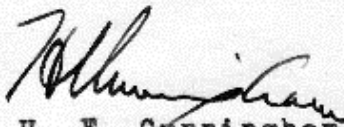
The Committee on Buildings and Grounds of the Board of Trustees of the University of Illinois met at the University on Friday, November 26, 1937, and considered the site of the proposed Natural Resources Building.

The Committee adjourned, pending the receipt of a detailed estimate of the amount of ground needed for the ultimate development of the two Surveys, and will meet again to consider this matter at 8:30 a.m. on Friday, December 3, 1937, at the Blackstone Hotel, in Chicago. This meeting will be held in a committee room on Floor A at the Blackstone.

I am notifying Directors Frison and Leighton and the members of your Building Committee.

Consult U of I
Board of Trustees
Minutes.

Sincerely yours,


H. E. Cunningham
Secretary

November 29, 1937 (Letter from ISGS Chief Leighton and INHS Chief Frison to President A. C. Willard.)

Urbana, Illinois
November 29, 1937

President A. C. Willard
355 Administration (W)
University of Illinois

Dear President Willard:

See "The Natural Resources Building: Origin and Evolution 1938-1991. pp. 2-9 for Plot Plans

In accordance with the request made by the Committee on Buildings and Grounds of the Board of Trustees of the University of Illinois at their meeting last Friday, November 26, 1937, we submit herewith a statement of the amount of ground which we anticipate will be needed for the ultimate development of the two Surveys.

1. For the Main building, with two L's, front portion 300 feet long by 60 feet wide approximately, the two L's each 140 feet long and 60 feet wide; total actual area	34,800 sq.ft.
2. Industrial laboratory, 60 feet by 100 feet total area	6,000
3. Green house and insectary, total area	7,000
4. Garage and machine shop, total area	17,000
5. Small outdoor plots, total area	22,000
6. Outdoor pond, total area	10,000
7. Parking area	5,000
Total area	101,800 sq.ft.

After re-examing the site south of the Architecture Building, we are convinced that the plot of ground, A and B, shown on the attached map would be well suited to the above development. The red lines were drawn by Mr. E. L. Stouffer, Assistant Supervising Architect, to show the proposed new drive ways. We are thinking of having the building face west along the extension of Sixth Street, and the two L's extending from the north and south ends of the building.

See Appendix, November 29, 1937 Site Map

It would be difficult to place all of the above development on plot "A", and therefore we suggest that plot "B" be included with a view to placing the outdoor plots and the outdoor pond on it. The outdoor pond is for the purpose of growing aquatic vegetation and for the maintenance of a stock of fish.

We understand that the Animal Pathology Building will be razed, according to present campus plans. Possibly this building might be converted into a garage and machine shop. If so, this would not necessitate allotting all of plot "B". Therefore this may be considered as an alternative suggestion.

We are enclosing the necessary copies for you to send to the Committee on Buildings and Grounds of the Board of Trustees, and we are furnishing the Building Committee of our Board with copies.

Yours very truly,

J. H. Frison
Chief, State Natural History Survey

Wm. Leighton
Chief, State Geological Survey

December 17, 1937 (Letter from President Willard to Board of Natural Resources and Conservation Building Committee and Chiefs Leighton and Frison.)

UNIVERSITY OF ILLINOIS
URBANA, ILLINOIS

OFFICE OF THE PRESIDENT

December 17, 1937

Dr. E. S. Bastin) Building Committee,
Dr. William Trelease) Board of Natural Resources
Dr. W. A. Noyes) and Conservation

Dr. T. H. Frison, Chief
State Natural History Survey
Dr. M. M. Leighton, Chief
State Geological Survey

Consult U of I
Board of Trustees
Minutes.

Gentlemen:

As you know, of course, the Board of Trustees of the University of Illinois at its meeting on December 3, following the conference which its Committees on Buildings and Grounds and General Policy had with you, assigned a site on the University campus for the Natural Resources Building. The site to which you gentlemen and the two Committees of the Board agreed upon is an area approximately 270 feet by 600 feet, bounded by Pennsylvania Avenue, Sixth Street, South Drive, and the line of the broad walk extended, immediately west of the Stock Pavilion. This assignment is subject to the execution of an agreement within the powers of and agreeable to the Board of Trustees and the Department of Registration and Education providing for the construction and operation of this building. The Board of Trustees authorized its Committee on General Policy to confer with the Department of Registration and Education and the Board of Natural Resources and Conservation concerning the terms and provisions of such an agreement.

I am enclosing a tentative draft of this agreement, which is now under consideration by the Trustees' Committee. In view of the importance of this matter we felt that we must be sure of our own ground, so far as the University is concerned, and therefore consulted the Attorney General concerning the legality of the only provision in this tentative draft as to which there might be any reasonable doubt, namely sub-section (b) of paragraph 1. He has advised us that in his opinion an agreement containing this paragraph can be legally entered into by the Board of Trustees of the University and the Department of Registration and Education. We should like to know as soon as possible if this tentative agreement in its essential features meets with the approval of the Building Committee of the Board of Natural Resources and Conservation and of the Department of Registration and Education. I trust that this matter may receive your early consideration so that the agreement may be submitted to the Board of Trustees of the University as soon as possible.

I have also sent a copy of the tentative draft of this agreement to Honorable John J. Hallihan, Director of the Department of Registration and Education and Chairman of the Board of Natural Resources and Conservation.

Very sincerely yours,

Al. C. Willard
President

Enclosure

December 17, 1937 (Draft agreement referenced by President Willard in his letter.)

AGREEMENT BETWEEN THE DEPARTMENT OF REGISTRATION AND EDUCATION AND THE BOARD
OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS IN RELATION TO THE CONSTRUCTION OF
A NATURAL RESOURCES BUILDING ON THE CAMPUS OF THE UNIVERSITY OF ILLINOIS.

WHEREAS, Section 62, Chapter 127, Smith-Hurd's Revised Statutes of 1937, requires the University of Illinois to provide buildings and places where may be performed the functions and duties formerly exercised by the State Entomologist, the State Laboratory of Natural History, the State Water Survey, and the State Geological Survey, but since 1917 vested in the Department of Registration and Education, and

WHEREAS, After numerous consultations and discussions, the Department of Registration and Education and the Board of Trustees of the University of Illinois reached an accord which led to the introduction of Section 2 of Senate Bill 444, hereinafter more fully described, for the design, construction, maintenance, and operation of a Natural Resources Building, on the campus of the University but subject to conditions to be later more formally stated,

The following Agreement, made and entered into this _____ day of December, 1937, between the Board of Trustees of the University of Illinois, hereinafter called the University, and the Department of Registration and Education of the State of Illinois, hereinafter referred to as the Department, is hereby concluded subject to the legal power of the parties to make the same, for the design, construction, operation, and maintenance of a State Natural Resources Building for the scientific surveys, pursuant to Section 2 of an Act entitled "An Act to Provide for the Ordinary and Contingent Expenses of Certain Divisions of the Department of Registration and Education until the Expiration of the First Fiscal Quarter after the Adjournment of the Next Regular Session of the General Assembly, Approved July 1, 1937":

1. In consideration of the vacation of space in other University buildings by the Geological and Natural History Surveys and in more complete execution of the

-2-

provisions of existing laws, the University agrees to provide a site for and to construct a Natural Resources Building of the most suitable and complete type possible within the appropriation made available by the Legislature for such purpose and which may be provided by the Board of Natural Resources and the Department, upon the terms and subject to the conditions hereinafter more fully set forth:

- a. The site for the building described proposed by the University and offered for the purposes of this agreement is described as follows:

An area bounded by Pennsylvania Avenue, Sixth Street, South Drive and the Broadwalk, the latter three all extended, approximately 270 feet by 600 feet, immediately west of the Stock Pavilion. This area to be used for both present and future buildings and is the maximum area to be assigned the Surveys by the University under this agreement.

This assignment of a site is with the understanding that:

- (1) Only such area as is necessary for immediate building purposes is now released.
- (2) All future buildings and improvements to be used by the Surveys and constructed on this area will also be subject to this Agreement.

- b. The University will design, prepare plans and specifications, and supervise the construction of the Natural Resources Building; in doing this the University will have in mind the needs, aims, purposes and objectives of the Surveys, and such plans, specifications, and design will be best calculated to further such ends and objectives, subject only to such restrictions as may be imposed by the Federal Emergency Administration of Public Works in the event that a loan or grant be forthcoming from said agency. The University will advertise for bids.

-3-

execute all contracts, and award contracts to the lowest and most responsible bidder.

- c. The University will maintain and operate the building at its own expense, and keep it in good repair and condition inside and out. It is understood that in assuming the obligation to maintain and operate the building, the University does not bind itself beyond its available financial resources. Except as otherwise expressly stated, it is understood that the phrase, "operate and maintain," in this Agreement means, and is limited to maintenance of building and grounds, heat, janitor service, light, power, and water, but not gas, within the limits of the University's resources and its ability to furnish, and at no expense to the Department. The University reserves the power, as in the case of all other buildings built, maintained, and operated by it, and of space heretofore provided the Surveys aforesaid, to make such reasonable rules and regulations concerning the use of said building as it may deem necessary.
- d. As is the usual practice, the expense of extending all service lines to the said building shall be paid out of the appropriation made in Section two of the Act of 1937, referred to in this Agreement.

2. The following method of certifying claims payable out of the appropriation aforesaid on account of the construction of the Natural Resources Building shall be substantially followed by the University: upon the certification by the University of all claims payable out of said appropriation, in form within the provisions of the Act in Relation to State Finance, the Department will route such claims for payment

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to and through the Department of Finance to the State Auditor, in accordance with established and proper procedure.

DEPARTMENT OF REGISTRATION AND EDUCATION
OF THE STATE OF ILLINOIS

By _____
Director

THE BOARD OF TRUSTEES OF THE UNIVERSITY
OF ILLINOIS

By _____
President

Secretary

APPROVED AS TO FORM:

By _____
University Counsel

See PART 3, Minutes of the December 3, 1937 Board of Trustees Meeting

December 21, 1937 (Response from Dr. W. A. Noyes to President Willard regarding draft agreement.)

Urbana, Ill. Dec. 21, 1937

President A.C. Willard
University of Illinois.

Dear President Willard:

I have received your letter of Dec. 17, 1937 addressed to the Building Committee, Board of Natural Resources and Conservation and to Dr. T. H. Frison, Chief of the Natural History Survey and to Dr. M. M. Leighton, Chief of the State Geological Survey, and containing a tentative draft for an agreement between the Board of Trustees of the University of Illinois and the Department of Registration and Education with regard to a building to be erected for the use of the above mentioned Surveys.

I have read this tentative draft carefully and find it very satisfactory.

Yours sincerely,

William A. Noyes
Secretary of the State Board of
Natural Resources and Conservation.